

WHAT IS CLAIMED IS:

1. A weather strip comprising an extruded body having straight sections and a corner section curving therebetween, said extruded body comprising an attachment portion and a hollow sealing portion integrally formed by an extrusion molding, said attachment portion being attached to a part of an automobile and said sealing portion being connected to said attachment portion at both ends,

wherein said weather strip comprises:

10 an incision slit made on the outer periphery of said sealing portion in said corner section;

an incision edge formed on said sealing portion along said incision slit, said incision edge being spread out toward the outer periphery of said corner section with said attachment portion and sealing portion being curved along a corner shape of said part of said automobile; and

15 a molded part formed at least in the vicinity of said incision edge on the back side of said sealing portion in said corner section.

20 2. A weather strip comprising an extruded body having straight sections and a corner section curving therebetween, said extruded body comprising an attachment portion and a hollow sealing portion integrally formed by an extrusion molding, said attachment portion being attached to a part of an automobile and said sealing portion being connected to said attachment portion at both ends,

wherein said weather strip comprises:

a cutout long hole made by cutting out at least a part of said sealing portion which is on the outer periphery of said corner section and not seen from the front side;

5 a cutout edge formed on said sealing portion along said cutout long hole,

said attachment portion and sealing portion being curved along a corner shape of said part of said automobile; and

a molded part formed at least in the vicinity of said
10 cutout edge on the back side of said sealing portion in said corner section and in a place which projects from said cutout edge toward the outer periphery of said corner section.

3. A weather strip comprising an extruded body having straight sections and a corner section curving therebetween,
15 said extruded body comprising an attachment portion and a lip-shaped sealing portion integrally formed by an extrusion molding, said attachment portion being attached to a part of an automobile and said sealing portion being connected to said attachment portion at one end with the other end thereof being
20 free,

wherein said weather strip comprises:

a free edge formed by locating the other end of said sealing portion on the outer periphery of said corner section;

at least one cut made in said sealing portion from said
25 free edge toward the inner periphery of said corner section, said free edge being spread out toward the outer periphery of said corner section with said attachment portion and sealing

portion being curved along a corner shape of said part of said automobile; and

a molded part formed at least in the vicinity of said free edge on the back side of said sealing portion in said corner section and inside said cut which is expanded by the curved transformation of said sealing portion.

4. A weather strip as set forth in claim 1, wherein at least one cut is made in said sealing portion from said incision edge toward the inner periphery of said corner section, and said molded part is further formed inside said cut which is expanded by the curved transformation of said sealing portion.

5. A weather strip as set forth in claim 1, wherein each end of said incision slit undergoes a rounding finish.

6. A weather strip as set forth in claim 1, wherein said molded part is not formed over to project from said spread incision edge toward the outer periphery of said corner section.

7. A weather strip as set forth in claim 1, wherein said molded part is further formed in a place which projects from said spread incision edge toward the outer periphery of said corner section.

8. A weather strip as set forth in claim 1, wherein at

least one rib is integrally formed on the back side of said molded part, extending in the direction where said corner section curves along.

9. A weather strip as set forth in claim 1, wherein
5 said molded part is formed by injecting a molding material into a region in the vicinity of the outer surface of said attachment portion which faces the back side of said incision edge in the center of said corner section so as it to flow along the back side of said sealing portion from the inner
10 periphery toward the outer periphery of said corner section.

10. A weather strip as set forth in claim 1, wherein said molded part is formed by injecting a molding material into a region in the vicinity of the back side of said incision edge in the center of said corner section so as it to
15 flow along the back side of said sealing portion from the outer periphery toward the inner periphery of said corner section.

11. A weather strip as set forth in claim 2, wherein at least one cut is made in said sealing portion from said cutout
20 edge toward the inner periphery of said corner section, and said molded part is further formed inside said cut which is expanded by the curved transformation of said sealing portion.

12. A weather strip as set forth in claim 2, wherein each end of said cutout long hole undergoes a rounding finish.

13. A weather strip as set forth in claim 2, wherein at least one rib is integrally formed on the back side of said molded part, extending in the direction where said corner section curves along.

5 14. A weather strip as set forth in claim 2, wherein said molded part is formed by injecting a molding material into a region in the vicinity of the outer surface of said attachment portion which faces the back side of said cutout edge in the center of said corner section so as it to flow
10 along the back side of said sealing portion from the inner periphery toward the outer periphery of said corner section.

15 15. A weather strip as set forth in claim 2, wherein said molded part is formed by injecting a molding material into a region in the vicinity of the back side of said cutout edge in the center of said corner section so as it to flow
along the back side of said sealing portion from the outer periphery toward the inner periphery of said corner section.

20 16. A weather strip as set forth in claim 3, wherein said cut is made in said sealing portion in the vicinity of each boundary between said corner section and said straight sections.

17. A weather strip as set forth in claim 3, wherein said cut is made in said sealing portion in the middle of said corner section.

18. A weather strip as set forth in claim 3, wherein the end of said cut undergoes a rounding finish.

19. A weather strip as set forth in claim 3, wherein said molded part is not formed over to project from said spread free edge toward the outer periphery of said corner section.

20. A weather strip as set forth in claim 3, wherein said molded part is further formed in a place which projects from said spread free edge toward the outer periphery of said corner section.

21. A weather strip as set forth in claim 3, wherein at least one rib is integrally formed on the back side of said molded part, extending in the direction where said corner section curves along.

22. A weather strip as set forth in claim 3, wherein said molded part is formed by injecting a molding material into a region in the vicinity of the outer surface of said attachment portion which faces the back side of said free edge in the center of said corner section so as it to flow along the back side of said sealing portion from the inner periphery toward the outer periphery of said corner section.

23. A weather strip as set forth in claim 3, wherein said molded part is formed by injecting a molding material

into a region in the vicinity of the back side of said free edge in the center of said corner section so as it to flow along the back side of said sealing portion from the outer periphery toward the inner periphery of said corner section.

5 24. A weather strip as set forth in claim 4, wherein said cut is made in said sealing portion in the vicinity of each boundary between said corner section and said straight sections.

10 25. A weather strip as set forth in claim 4, wherein said cut is made in said sealing portion in the middle of said corner section.

26. A weather strip as set forth in claim 4, wherein each end of said incision slit undergoes a rounding finish.

15 27. A weather strip as set forth in claim 4, wherein the end of said cut undergoes a rounding finish.

28. A weather strip as set forth in claim 11, wherein said cut is made in said sealing portion in the vicinity of each boundary between said corner section and said straight sections.

20 29. A weather strip as set forth in claim 11, wherein said cut is made in said sealing portion in the middle of said corner section.

30. A weather strip as set forth in claim 11, wherein each end of said cutout long hole undergoes a rounding finish.

31. A weather strip as set forth in claim 11, wherein the end of said cut undergoes a rounding finish.

5 32. A weather strip comprising an extruded body having straight sections and a corner section curving therebetween, said extruded body comprising an attachment portion and a sealing portion integrally formed by an extrusion molding, said attachment portion being attached to a part of an
10 automobile, said sealing portion sealing a gap between an opening peripheral edge of said automobile and an open and closed panel, said sealing portion being cut off in a curved corner section, and a curved molded part being formed in place of the cut off part,

15 wherein said molded part is formed from a soft thermoplastic elastomer, and a recovery preventing portion is formed on said attachment portion by an injection molding from a hard resin, said recovery preventing portion extending in the peripheral direction of said corner section.

20 33. A weather strip as set forth in claim 32, wherein said molded part comprises a projecting part extending toward the outer peripheral side over the outer peripheral outline of said attachment portion, and a belt-shaped bridge connecting the outer edge of said projecting part and said attachment
25 portion.